

Abstract

The present invention relates to a pair of primers with forward primer of SEQ ID NO. 1 having sequence of CCAAGCTTGCTGAACGCATCGG, and reverse primer of SEQ ID No. 2 having sequence of CCAAGCTTGCCACGCAGGATTATC, and a screening 5 method for early identification of plants *Artemisia annua* having high content of artemisinin and thereby helping generation of plant population with further high content of artemisinin.